San Diego Regional GIS Council
Meeting Notes
April 13, 2016

1. **Welcome and Introductions**
    a. Brad Lind, SDRGC President welcomed everyone in attendance and acknowledged the City of Coronado for hosting the meeting. Refreshments provided by SDRGC Vice President Marie Kennedy, SDLECC.
    b. Please see attached document for a list of attendees. This meeting was held at City of Coronado Council Chambers.

2. **GeoNews**
    a. **USGS** – Drew Decker
        i. USGS has the 3D Elevation Program (3DEP) to support generation of new elevation data across the country. A new FY16/FY17 Broad Agency Announcement (BAA) is expected to be announced this summer. This will be the third round of funding for lidar through the 3D Elevation Program. Details on 3DEP (including meeting and webinar information) can be found on the program's website here: http://nationalmap.gov/3DEP/
        ii. California Department of Water Resources (DWR) has received the direction and funding to support stewardship of the National Hydrography Dataset (NHD). Funds will be available for program management and for data updates and stewardship efforts. Program planning is underway in preparation for stewardship to begin next state fiscal year. The California Department of Fish and Wildlife is also supporting major updates to numerous watersheds across California; including some in the San Diego area. USGS recently completed an update to reclassify numerous intermittent streams to ephemeral to better reflect real world conditions. This has been done for AZ and many Southern California watersheds.
        iii. USGS concluding Hydrography Requirements and Benefits Study (HRBS), which is an assessment of hydrography data needs and benefits. Input received from federal and state agencies, with a smaller group of local, academic, private, nonprofit, and tribal groups. This will help USGS design improved products and services for hydrography. This study is similar to the National Enhanced Elevation Assessment (NEEA) that USGS did in 2011. Those results led to 3DEP and the LiDAR BAA process now underway. Preliminary results are out now with a final report coming in summer 2016.
        iv. February 2016: NOAA's National Geodetic Survey deployed a NOAA aircraft to collect more than 3,000 geo-referenced oblique images of the West Coast from the Mexican border to Cape Flattery, Wash. The imagery will help assess impacts of El Niño through comparison with earlier baseline images collected in September 2015. Oblique imagery provides views of a wider area and improves the visibility of vertical structures, such as the sides of buildings. The oblique

imagery is publicly available online, and will support assessments and decisions by NOAA agencies and mission partners such as the U.S. Geological Survey, U.S. Army Corps of Engineers, Federal Emergency Management Agency and other state, local and academic interests.

1. Viewer: http://geodesy.noaa.gov/storm_archive/coastal/viewer/index.html
2. Bulk Download: https://coast.noaa.gov/htdata/NGS_oblique/NGSOblique_2016/2016ob WestCoast_Imagery.tar

v. USGS, NOAA, and USACE are leading an interagency effort to survey the entire Pacific Coast from the Mexican border north to Canada with lidar to document the topography of West Coast beaches when they are at or near minimum levels because of El Niño-driven erosion, so scientists can then track subsequent changes. The flight extent is a 500m wide swath beginning just seaward of the water's edge

vi. Carol Ostergren and I gave a brief webinar on the USGS Volunteered Geographic Information (VGI) program. VGI enables interested people to submit details on certain structure features that can become part of the National Structures Dataset. These structures are also featured on the US Topo maps. The webinar was recorded and I can provide a link; we could also hold another webinar in the future.

vii. 2016 CalGIS Conference: May 10-12, 2016 at Sheraton Park Hotel Resort in Anaheim, CA

viii. Please contact Drew Decker (ddecker@usgs.gov, 619-225-6430) with any questions on the above topics

b. **SanGIS** – Brad Lind

i. SanGIS has converted its editing environment to ArcGIS 10.3.1 on a new server with an updated database version. This required modification to over 60 data publication scripts. SanGIS asks that any anomalies noticed in published data layers be reported to SanGIS ASAP.

ii. SanGIS is working on a project to develop a cached base map for the region that will be regularly updated. This has required SanGIS to invest in updating or rebuilding a number of layers that are critical to the base map including parks, roads, places, and hydrography (streams, rivers, lakes). SanGIS is currently working on rebuilding the PARKS layer. All local jurisdictions have provided current parks data to SanGIS to use in this rebuild effort. SanGIS thanks all those jurisdictions for providing the data.

iii. SanGIS has published a new layer – ABC Licenses. This dataset shows all current Alcohol Beverage Control Board licenses for San Diego County. The data is downloaded monthly from the ABC website and licenses in San Diego County are extracted and geocoded. The layer is available on the SanGIS/SANDAG Regional Data Warehouse.

c. **SANDAG** – Pat Landrum
    i. Grant funding approved for Level 2 Lidar data collection in the eastern portion of San Diego County. This is the final phase for this round of Lidar collection (2014: Urban core, 2015: Central, 2016: East)
    ii. SanGIS is attempting to acquire building footprint layer data for San Diego County. The goal is to acquire all data by the end of this fiscal year – June 30, 2016.
    iii. SANDAG will be reaching out to jurisdictions for Series 14 Land Use data in the next 1-2 months (May – June 2016)
    iv. Regional Data Warehouse: 3000+ registered users
    v. May 2016 is "Bike to Work Month" in San Diego County. May 20, 2016 designated as "Bike to Work Day".
d. **SoCal URISA** – John Strain
    i. CalGIS Conference coming up May 10-12, 2016 in Anaheim, CA
    ii. Pre-conference workshops include *Deploying Mobile GIS, NG 9-1-1 and the GIS Workflow, Open Source GIS,* and *ESRI Story Maps Workshop*.
    iii. Detail information can be found at the URISA website: http://www.urisa.org/education-events/calgis-conference/
    iv.

3. **Working Group Update**
    a. **Imagery Working Group** - The 2016 regional aerial imagery collection process has suffered a setback in that approximately 20% of the expected funding has been withdrawn. The largest portion (approximately $100,000) was expected as part of a UASI grant through the Regional Public Safety GIS Program. As a result of these cutbacks, the Imagery Working Group is evaluating alternative funding sources or project changes. It is possible that a 2016 collection will not be possible and the project will be delayed until 2017. Additional information on the project alternatives is expected to be published within the next couple of weeks.

4. **Break**

5. **Pipe Infrastructure Data Accessibility Survey – Wendy Flynn, GIS and Applications Supervisor, City of Encinitas**
    a. Wendy Flynn presented the findings of her survey to public agencies regarding accessibility to infrastructure data to the public and third-parties working with public agencies.
    b. Data was gathered from a wide range of participants representing local, regional, law enforcement, water district, and tribal.
    c. Please contact Wendy Flynn (wflynn@encinitasca.gov) with any questions regarding the Pipe Infrastructure Data Accessibility Survey.

6. **National Weather Service, San Diego – Alex Tardy, Warning Coordination Meteorologist, NOAA**

a. Alex Tardy presented a wide variety of weather data resources available to the public, government agencies and public safety personnel through the National Weather Service
b. Weather data is available via a broad range of delivery mechanisms, including alert messaging, television (news media), social media, and various internet resources.
c. Broad range of weather data available for consumption including wind, lightning, temperature, flash –flooding, and 7-day forecasts.
d. Please contact Alex Tardy (Alexander.tardy@noaa.gov) with any questions regarding the National Weather Service, San Diego.

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